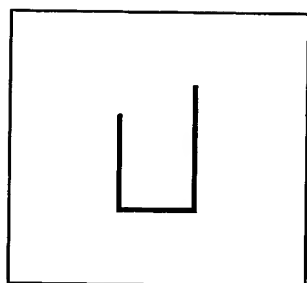


FIGURE 1A



OR

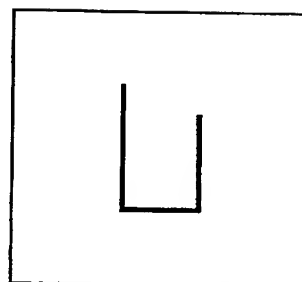


FIGURE 1B

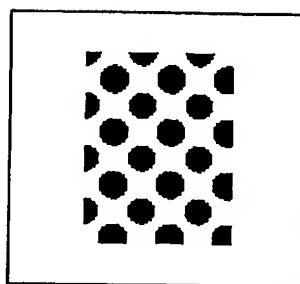


FIGURE 1C

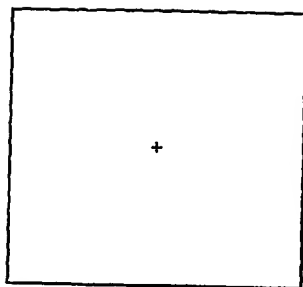
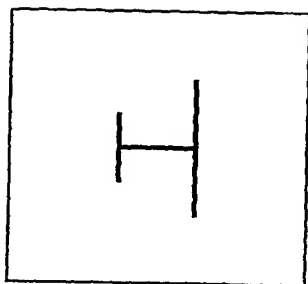


FIGURE 2A



OR

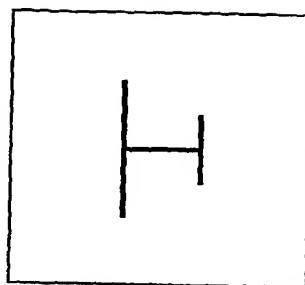


FIGURE 2B

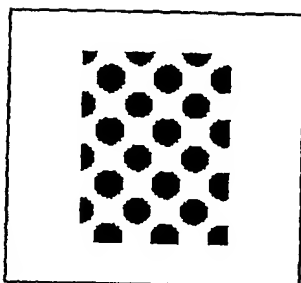


FIGURE 2C

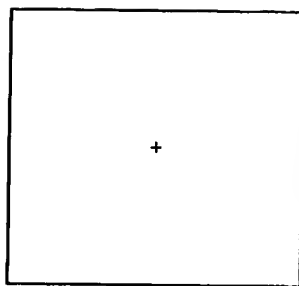
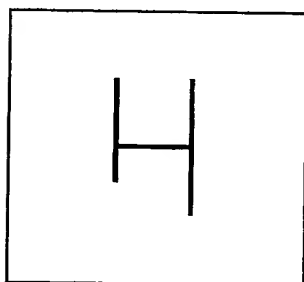
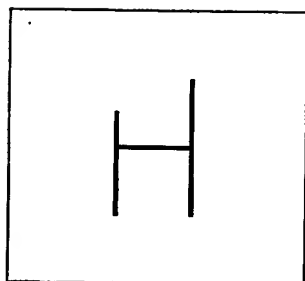


FIGURE 3A



OR

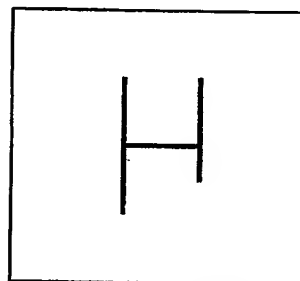
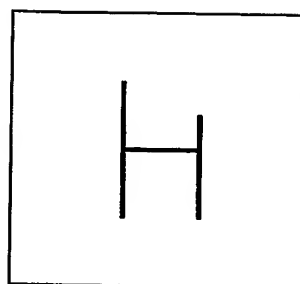


FIGURE 3B

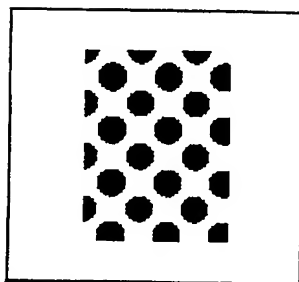


FIGURE 3C

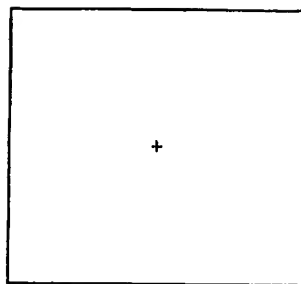


FIGURE 4A

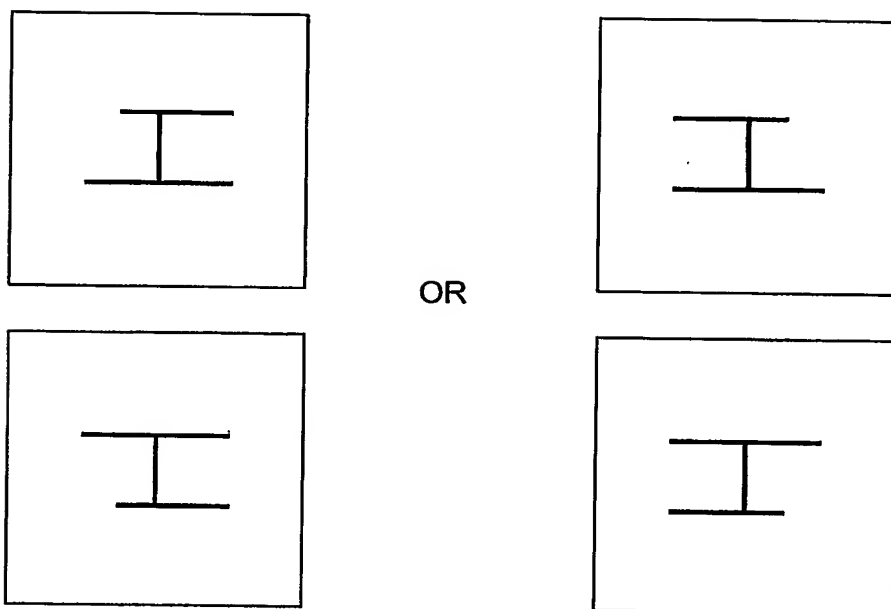


FIGURE 4B

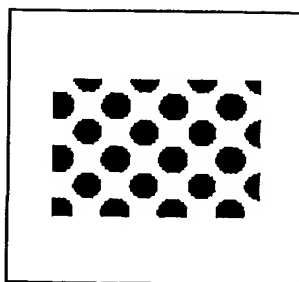


FIGURE 4C

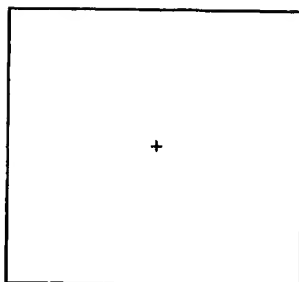


FIGURE 5A

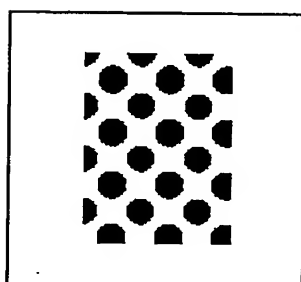


FIGURE 5C

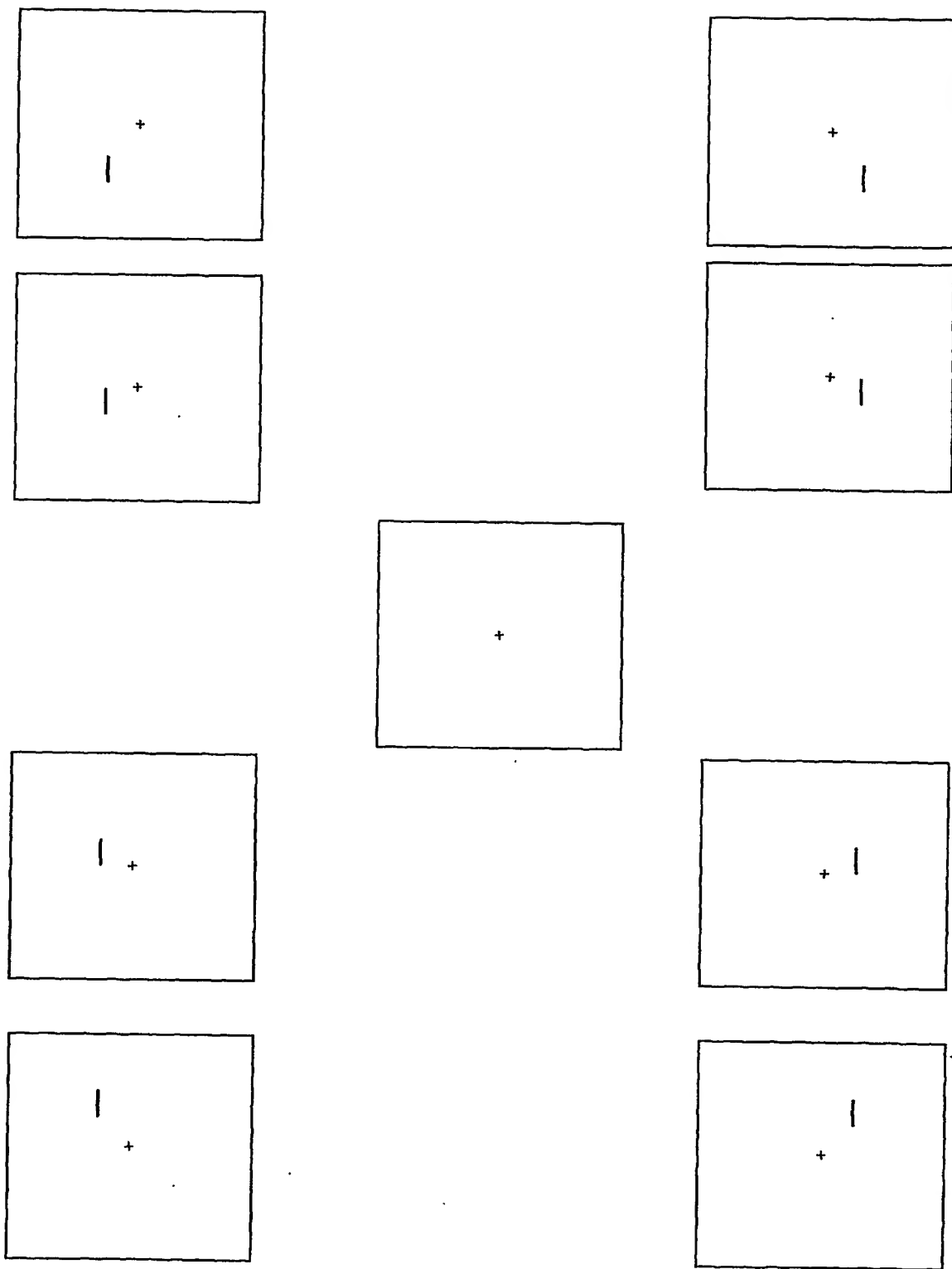


FIGURE 5B

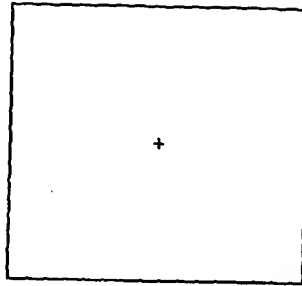


FIGURE 6A

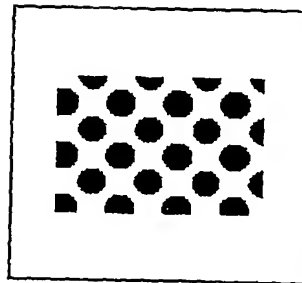


FIGURE 6C

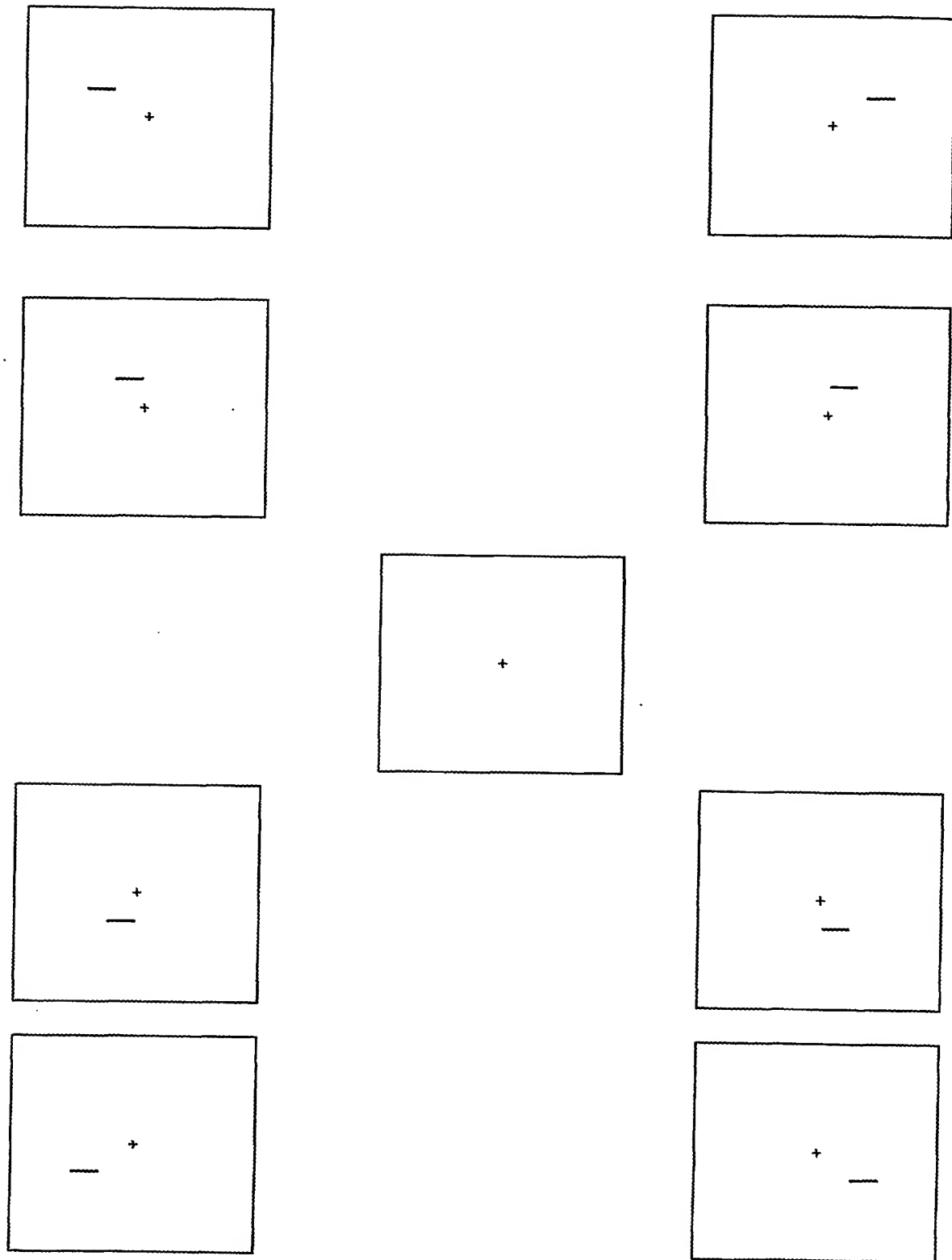
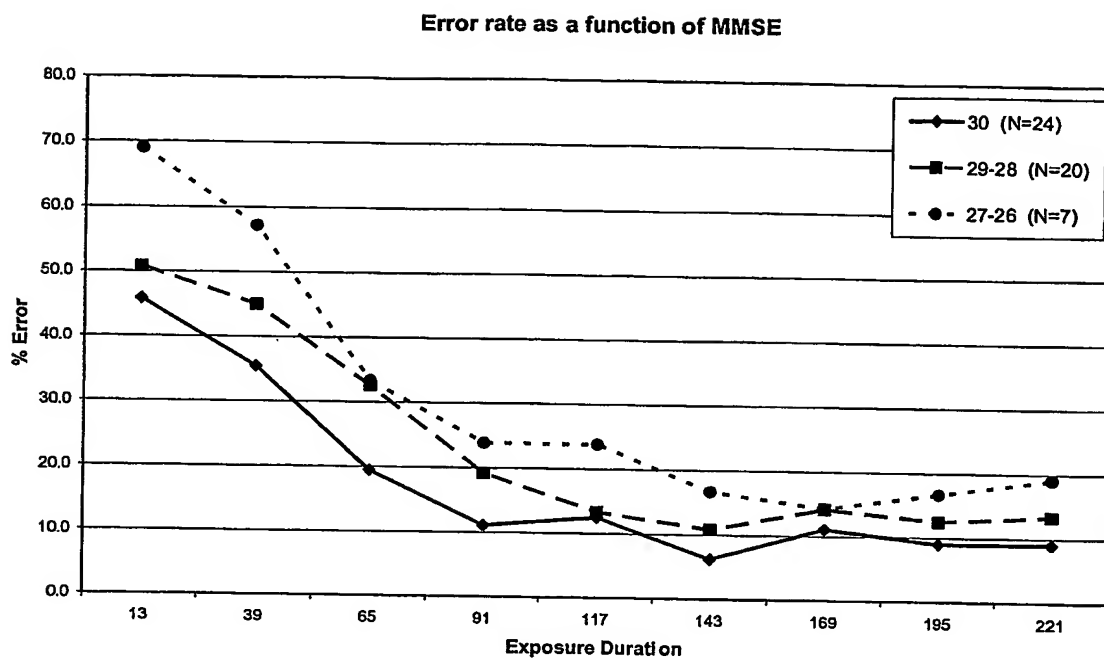
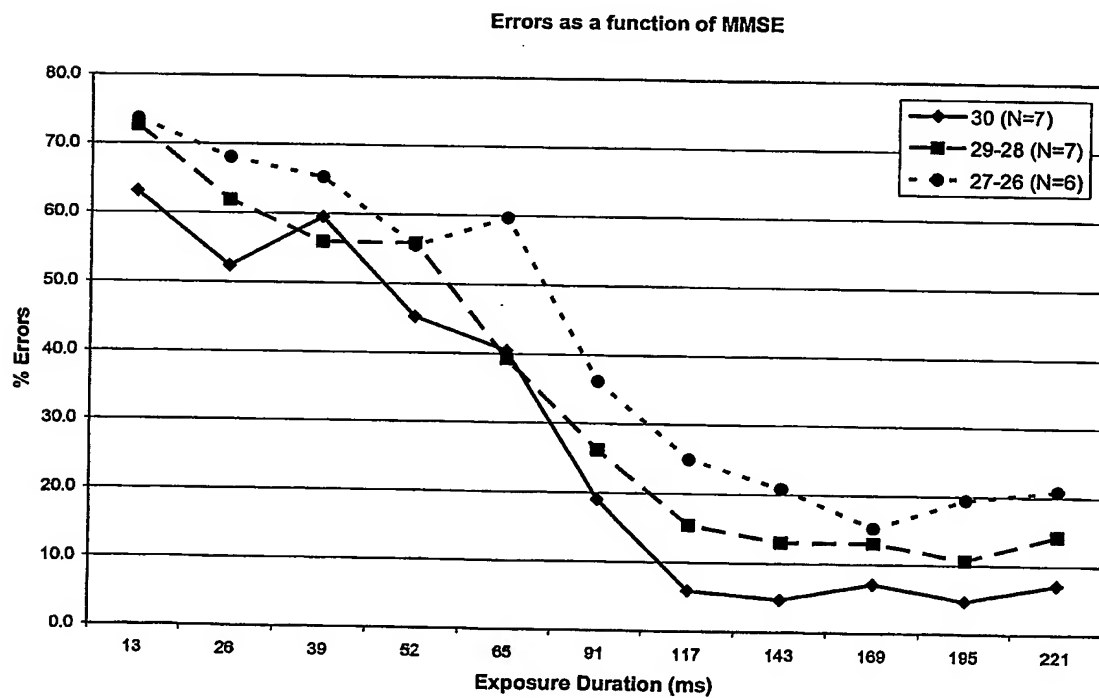
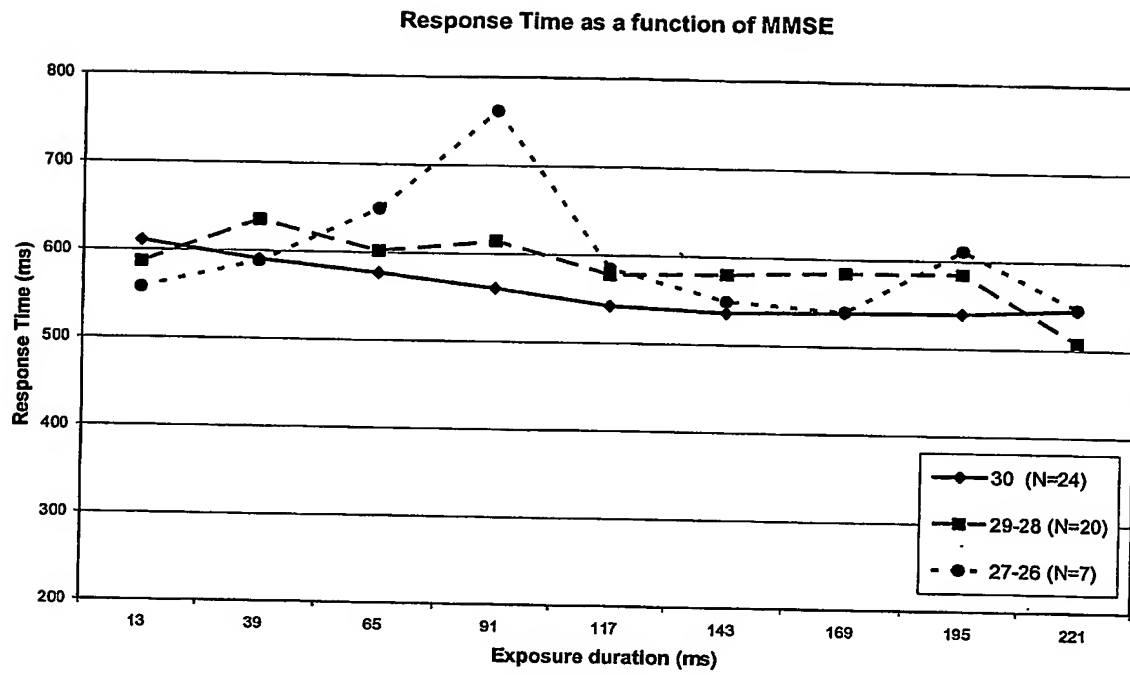


FIGURE 6B



**FIGURE 7A****FIGURE 7B**

**FIGURE 8**

% Errors as a function of HDS

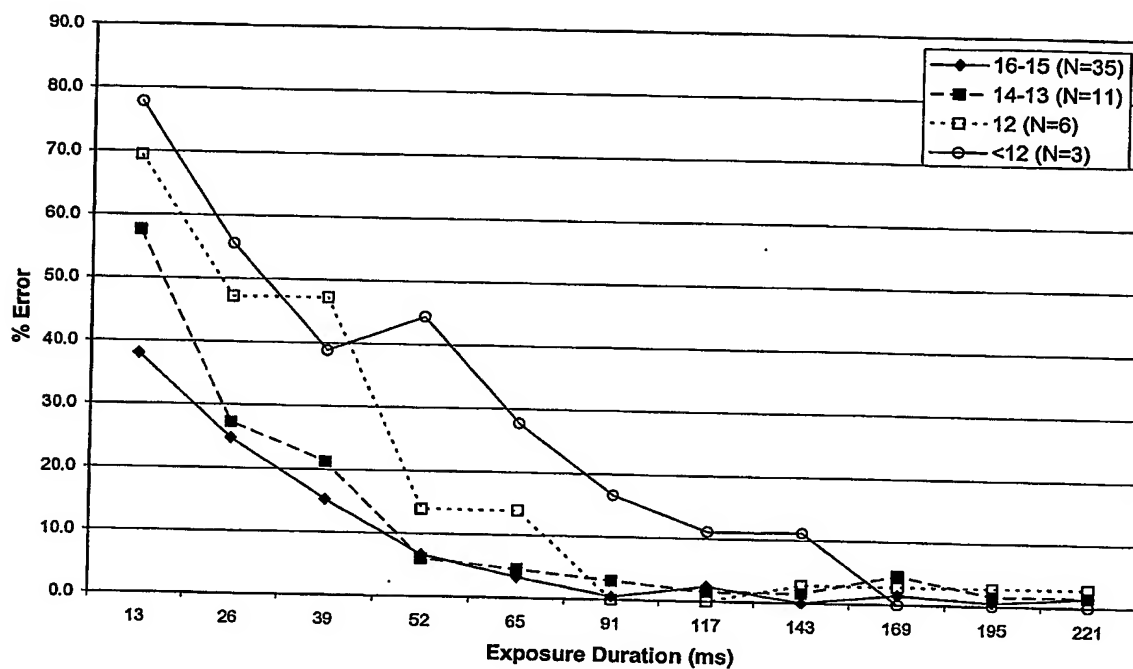


FIGURE 9A

Response Time (ms) as a function of HDS

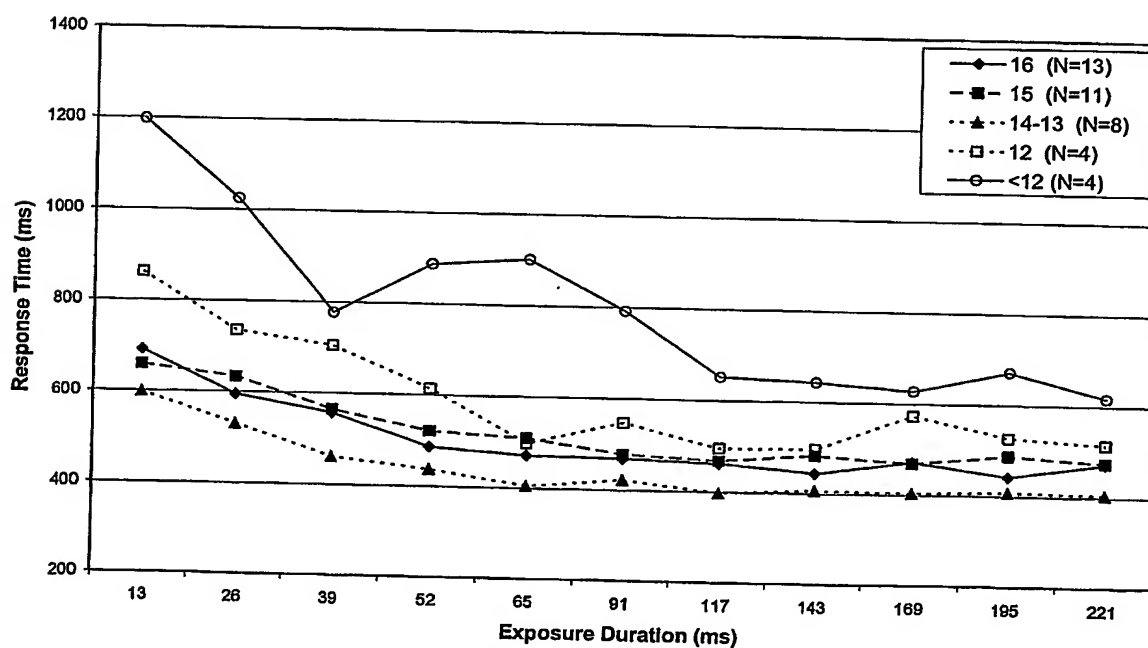
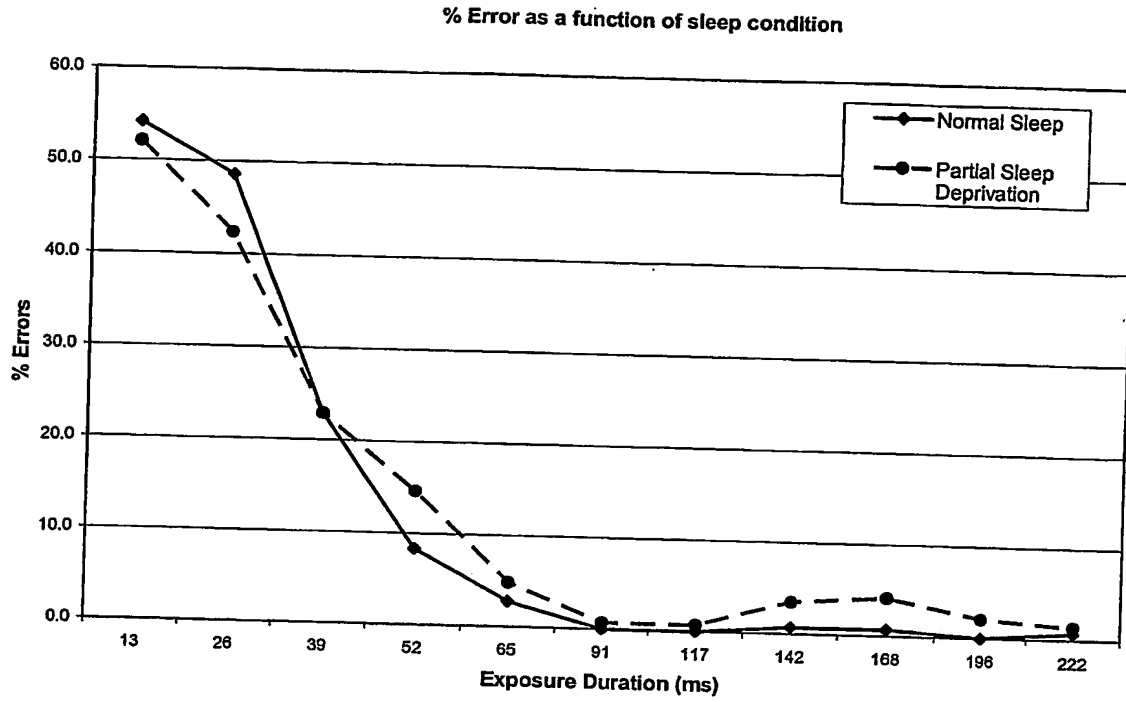
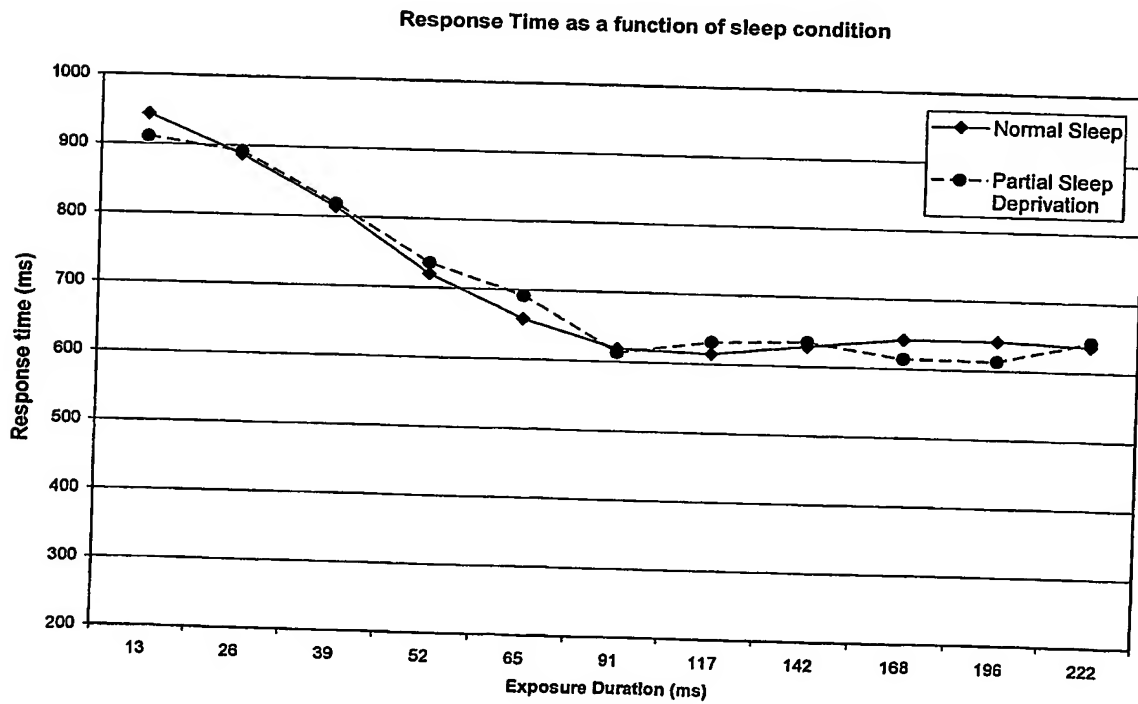


FIGURE 9B

**FIGURE 10A****FIGURE 10B**

Data Type	Inter-Trial Correlations								
	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	MEAN
% Error	.924	.783	.959	.982	.939	.950	.897	.816	.906
RT	.975	.984	.987	.971	.987	.975	.987	.974	.980

Table 1

TEST TYPE	EXPOSURE DURATION										
	13.0	26.0	39.0	52.0	65.0	91.0	117.0	143.0	169.0	195.0	221.0
NART Full Score IQ	-0.278	-0.228	-0.216	-0.121	-0.250	-0.145	-0.136	-0.067	0.239	0.098	-0.042
NART Verbal IQ	-0.277	-0.230	-0.212	-0.122	-0.251	-0.145	-0.136	-0.067	0.239	0.098	-0.043
NART Performance IQ	-0.280	-0.231	-0.218	-0.121	-0.251	-0.145	-0.136	-0.067	0.238	0.097	-0.043
Beck Depression Inventory	0.136	0.141	-0.039	-0.016	-0.010	-0.021	0.077	0.055	0.112	0.142	0.141

Table 2A Error Rate (N=42)

TEST TYPE	EXPOSURE DURATION										
	13.0	26.0	39.0	52.0	65.0	91.0	117.0	143.0	169.0	195.0	221.0
NART Full Score IQ	-0.232	-0.201	-0.061	-0.244	-0.367	-0.257	-0.257	-0.314	-0.215	-0.389	-0.235
NART Verbal IQ	-0.232	-0.200	-0.061	-0.244	-0.368	-0.257	-0.257	-0.314	-0.215	-0.389	-0.235
NART Performance IQ	-0.232	-0.200	-0.061	-0.244	-0.368	-0.257	-0.257	-0.314	-0.215	-0.389	-0.235
Beck Depression Inventory	0.174	0.146	0.273	0.090	0.146	0.118	0.227	0.157	0.165	0.191	0.195

Table 2B Response Time (N=22)

TEST TYPE	EXPOSURE DURATION										
	13.0	26.0	39.0	52.0	65.0	91.0	117.0	143.0	169.0	195.0	221.0
Mini Mental State Examination (N=55)	-0.322		-0.405		-0.393	-0.361	-0.380	-0.457	-0.292	-0.287	-0.396
HIV Dementia Scale (N=42)	-0.708	-0.510	-0.593	-0.446	-0.422	-0.328	-0.307	-0.342			
Grooved Pegboard Dominant Hand (N=42)	0.317		0.412	0.616	0.536	0.575	0.622	0.352			
Grooved Pegboard Nondominant Hand (N=42)	0.403		0.531	0.588	0.568	0.517	0.572	0.320			
IED Total Errors	-0.345		-0.484								
IED Adjusted Errors			-0.339								
Simple RT (msec)				0.487	0.789	0.539	0.437	0.336			
Choice RT		-0.378		-0.473	-0.583	-0.360					
SOC Subsequent Thinking Time		-0.327	-0.437	-0.490	-0.440	-0.460	-0.376	-0.513			
SOC Problems Solved in Min Moves	-0.335	-0.456	-0.382		-0.354						
SWM Between Errors		-0.352	-0.373	-0.450	-0.542						-0.317
CANTAB (N=42)											

Table 3A (a) Error Rate

TEST TYPE	EXPOSURE DURATION												
	13.0	26.0	39.0	52.0	65.0	91.0	117.0	143.0	169.0	195.0	221.0		
Mini Mental State Examination (N=55)						-0.339							
HIV Dementia Scale (N=22)	-0.500	-0.515		-0.492		-0.434							
Grooved Pegboard Dominant Hand (N=22)	0.406			0.558	0.628	0.554	0.451	0.440					
Grooved Pegboard Nondominant Hand (N=22)	0.505	0.472		0.581	0.589	0.582	0.447	0.420					
IED Total Errors		-0.445	-0.585	-0.418					-0.460				
IED Adjusted Errors		-0.464	-0.486	-0.472	-0.409	-0.463	-0.436	-0.452	-0.498	-0.559	-0.495		
Simple RT (msec)	0.683	0.588	0.486	0.643	0.695	0.643	0.700	0.649	0.583	0.681	0.560		
Choice RT	-0.418	-0.463		-0.462	-0.477	-0.444	-0.432	-0.431		-0.456	-0.400		
SOC Subsequent Thinking Time	-0.751	-0.497	-0.401	-0.624	-0.691	-0.656	-0.603	-0.550	-0.415	-0.547			
SOC Problems Solved in Min Moves	-0.440	-0.472	-0.402	-0.473	-0.503	-0.536	-0.554	-0.524	-0.536	-0.596	-0.506		
SWM Between Errors		-0.401	-0.407		-0.479	-0.477	-0.562	-0.542	-0.493	-0.548	-0.602		
CANTAB (N=22)													

Table 3B - Response Time